



Pat. No. 880249 / US03
(317) B3822-03ES)

PTO/SB/51 (12-97)

Approved for use through 9/30/00. OMB 0651-0033

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

500.26967RC1

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 4,975,857, granted December 4, 1990, and for which a reissue patent is sought on the invention entitled GRAPHIC PROCESSING APPARATUS UTILIZING IMPROVED

DATA TRANSFER TO REDUCE MEMORY SIZE

the specification of which

☐ is attached hereto.

☒ was filed on March 28, 2000 as reissue application number 09 / 536,646
and was amended on 3/28/00 and 6/1/00
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☒ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☒ by reason of other errors.

At least one error upon which reissue is based is described as follows:

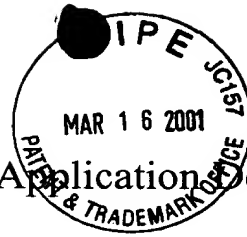
See Attachment:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)				Docket Number (Optional) 500.26967RC1	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.					
Name(s)		Registration Number			
<u>See Attached for List of Attorneys</u>					
Correspondence Address: Direct all communications about the application to:					
<input checked="" type="checkbox"/> Customer Number		020457		Place Customer Number Bar Code Label here	
OR		Type Customer Number here			
<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		ZIP	
Country					
Telephone		Fax			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) <div style="text-align: right;">Koyo KATSURA</div>					
Inventor's signature					
Residence Hitachiota-sho, Japan				Date 02 / 15 / 2001	
Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-8220 JAPAN				Citizenship	
Full name of second joint inventor (given name, family name) <div style="text-align: right;">Shinichi KOJIMA</div>					
Inventor's signature				Date 02 / 15 / 2001	
Residence Maebashi-shi, Japan				Citizenship	
Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-8220 JAPAN					
Full name of third joint inventor (given name, family name) <div style="text-align: right;">Noriyuki KURAKAMI</div>					
Inventor's signature				Date 02 / 15 / 2001	
Residence Takasaki-shi, Japan				Citizenship	
Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-8220 JAPAN					
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					

Attachment to PTO/SB/51 (12-97) Reissue Application Declaration by
the Inventor



At least one error upon which reissue is based is described as follows:

Specifically, during review of the specification and claims of U.S. Patent No. 4,975,857, subsequent to its issuance, undertaken as a result of discussions with another party concerning the technology and that party, it was found that the claims thereof were unduly limited in that they called for limitations not necessary to the patentable invention as disclosed.

More particularly, it was discovered that an error arose during the prosecution of U.S. application Serial No. 07/302,332, filed January 27, 1989 from which U.S. Patent No. 4,975,857 issued due to the failure of the inventors and that of the Japanese Agent to fully appreciate and recognize that the invention could have been claimed more broadly. Specifically, the error occurred due to the fact that the claims could have been broadened to recite a memory controller not including various features such as "multiplexer means".

CLAIM OF PRIORITY:

Under the provision of title 35, United States Code, Section 119, we reaffirm our claim for priority based upon Japanese Patent Application No. 63-93448, filed in Japan on April 18, 1988, a certified copy of which document and a claim for priority based thereon having been filed in U.S. Application Serial No. 07/302,332, filed January 27, 1989, which matured as U.S. Patent No. 4,975,857.

Under the provision of title 35, United States Code, Section 120, we hereby claim the benefit of U.S. Reissue application Serial No. 07/985,141, filed December 3, 1992, with respect to U.S. application Serial No. 07/302,332, filed January 27, 1989, now U.S. Patent No. 4,975,857 upon which the present Reissue application has been filed, insofar as the subject matter of each of the claims of the present Reissue application is not disclosed in the prior U.S. applications in the manner provided by the first paragraph of title 35, United States Code, Section 112, we hereby acknowledge the duty to disclose material information as defined in title 37, Code of Federal Regulation Section 1.56 which occurred between the filing of the prior U.S. application and the filing of the present Reissue application.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Koyo KATSURA, et al.

Application No./Patent No.: 09/536,646

Filed/Issue Date: March 28, 2000

Entitled: GRAPHIC PROCESSING APPARATUS UTILIZING IMPROVED DATA TRANSFER TO REDUCE MEMORY SIZE

Hitachi, Ltd.

, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 5061, Frame 277, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/28/2001
Date

Yasuo Sakuta
Signature

Yasuo Sakuta
Typed or printed name

Executive Managing Director
Title


日立 1180249 / 0503
(347) B3822-03ES

PTO/SB/55 (12-97)

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DECLARATION AS TO LOSS OF LETTERS PATENT		Docket Number (Optional) 500.26967RC1
I hereby declare that: I am the applicant for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Koyo KATSURA, et al.		
Patent Number 4,975,857		
Title of Invention GRAPHIC PROCESSING APPARATUS UTILIZING IMPROVED DATA TRANSFER TO REDUCE MEMORY SIZE		
Reissue application number (if known) 07/302,332		
The said original patent is lost or inaccessible. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.		
Signature  Yasuo Sakuta		
Typed or printed name Hitachi, Ltd.		Date 2/28/2001

Burden Hour Statement: This form is estimated to take 0.05 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**